

## **MOTOR DATA SHEET**

Motor type: **ExSh80-2BT4** 

Series: INCREASED SAFETY



02-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Powe	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	0.75	1	S1	1.8	2850	2.51	2.6	2.6	7	-	-	75.0	-	-	0.80

GENERAL DATA						
Efficiency class	-	Frame size	80			
Number of poles	2	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	62042Z			
Frequency converter supply	no	Bearing on ND-side	62042Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	9.1	Feet - material	aluminium			
Bearing shields - material	aluminium	Painting	RAL5010			
Degree of protection	IP66	Climatic execution	N			

ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	from -20 up to +40	Altitude above sea level [m]	up to 1000				
Relative humidity [%]	up to 95						

ACCESSORY						
Number of terminals or cables	6	Temperature sensors in bearings	on demand			
Cable glands/inlets	2	Winding heaters	no			
Temperature sensors in winding	on demand	Optional accessories	on demand			

STA	NDARDS
EN 60079-0, EN	60079-31, EN 60079-7

CERTIFICATES	
ATEX	

ADDITIONAL INFO							
tE heating time up to T4 temperature [s]	8	Ex marking	II 2G Ex eb T4 / II 2D Ex tb T125st.C				

